# RDDLED2S-10D-20YNHC-M-ST

# RAB



| Proje     | ct:              | Туре:    |       |  |
|-----------|------------------|----------|-------|--|
| Prepa     | ared By:         | Date:    |       |  |
| Driver Ir | ıfo              | LED Info |       |  |
| Typo      | Constant Current | Watte    | 101// |  |

| Divertino         |      |                  |                |               |  |  |
|-------------------|------|------------------|----------------|---------------|--|--|
|                   | Туре | Constant Current | Watts          | 10W           |  |  |
|                   | 120V | 0.11A            | Color Temp     | 3500K (Warm   |  |  |
|                   | 208V | 0.07A            | color remp     | Neutral)      |  |  |
|                   | 240V | 0.06A            | Color Accuracy | 94 CRI        |  |  |
|                   | 277V | 0.05A            | L70 Lifespan   | 100,000 Hours |  |  |
| Input Watts 11.8W |      | 11.8W            | Lumens         | 795 lm        |  |  |
|                   |      |                  | Efficacy       | 67.4 lm/W     |  |  |

# **Technical Specifications**

## Compliance

UL Listed:

Suitable for Wet Locations. Covered Ceiling Mount Only.

#### Energy Star Approved:

ENERGY STAR® Version 2.0 Certified

#### Electrical

#### Driver:

Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 0.11A, 208V: 0.07A, 240V: 0.06A, 277V: 0.05A

#### **Dimming Driver:**

0 - 10V (at 120-277V), TRIAC and ELV (at 120V only). See dimmer compatibility guide here.

# **THD:** 16.2% at 120V, 26.2% at 277V

**Power Factor:** 98.4% at 120V, 90.3% at 277V

#### Surge Protection: 4kV

# Optical

Optics: 20°

#### Performance

## Lifespan:

100,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations

#### LED Characteristics

LEDs:

Long-life, high-efficiency, surface-mount LEDs

#### Color Stability:

LED color temperature is warrantied to shift no more than 200K in color temperature over a 5-year period

#### Construction

**Cold Weather Starting:** Minimum starting temperature is -35°C (-31°F)

### Maximum Ambient Temperature:

Suitable for use in up to  $40^{\circ}C$  ( $104^{\circ}F$ )

#### Housing:

Specification-grade, die-cast aluminum construction

#### **Reflector:** Vacuum-metalized polycarbonate

Trim Ring: Silver powder coated die cast 1/2" trim ring

#### Trim Cone: Matte silver square trim cone

Lens: Optical grade polycarbonate

#### Green Technology: Mercury and UV free. RoHS-compliant components.

#### Other

Replacement:

#### Replaces 75W MR16

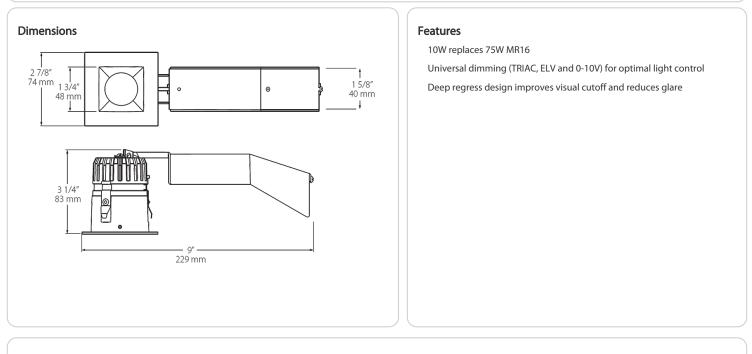
#### Warranty:

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at <u>rablighting.com/warranty</u>.

# **Technical Specifications (continued)**

#### **Buy American Act Compliance:**

RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.



#### **Ordering Matrix**

| Family | Size/Shape                                    | Wattage         | Driver                         | Optics  | Color Temp  | CRI                              | Trim Cone   | Trim Ring  | Trim Style                                   |
|--------|---|-----------------|--------------------------------|---|---|----------------------------------|---|--|--|
| RDDLED | 25  | 10              | D                              | 20  | YN  | HC                               | М   | S  | Т  |
|        | <b>2R =</b> 2" Round<br><b>2S =</b> 2" Square | <b>10</b> = 10W | <b>D =</b> Universal<br>Dimmer | <b>20 =</b> 20<br><b>30 =</b> 30<br><b>40 =</b> 40<br><b>W =</b> Wall<br>Wash | YY = 2700K Residential<br>Warm<br>Y = 3000K Warm<br>YN = 3500K Warm<br>Neutral<br>N = 4000K Neutral | Blank = 80<br>CRI<br>HC = 90 CRI | W = White<br>B = Black<br>S = Specular<br>M = Matte | W = White<br>B = Black<br>S = Silver<br>SA = Satin<br>Aluminum | <b>T</b> = 1/2" Trim<br><b>TL</b> = Trimless |